

2/16/01

## POLLUTION REPORT

### I. HEADING

**Date:** February 16, 2001

**Subject:** Greenberg Salvage Yard. Murphysboro, Jackson County, Illinois

**From:** Kevin Turner, U.S. EPA On-Scene Coordinator, Region 5

**To:** K. Mould, U.S. EPA, OSWER, Washington, D.C.  
R. Karl, Chief, Emergency Response Branch  
B. Bolen, Chief, Emergency Response Section II  
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T. Crause, Illinois EPA  
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967025

**POLREP:** #9/Final - Fund Lead Removal

### II. BACKGROUND

<b>Site No:</b> B5G9	<b>Task Order No:</b> 0069
<b>CERCLIS No:</b> ILD053980454	<b>Response Authority:</b> CERCLA
<b>NPL Status:</b> Non NPL	<b>State Notification:</b> 12/99
<b>Start Date:</b> 10/13/00	<b>Demobilization Date:</b> 02/13/01
<b>Completion Date:</b> N/A	<b>Status of Action Memorandum:</b> Signed 09/18/00

### III. SITE DESCRIPTION

- A. Incident Category:** Inactive scrap yard
- B. Site Location:** 19<sup>th</sup> Street & Gartside Street  
Murphysboro, IL 62966
- Site Latitude: 37° 46' 20.34"  
Site Longitude: 89° 20' 38.88"

#### 1. Site description:

The Greenberg Salvage Yard site is located in the city of Murphysboro, Illinois, approximately 0.75 mile north of Route 149, west of the intersection of 19<sup>th</sup> Street and Gartside Street. The site consists of two parcels divided by Gartside Street, totaling 2.34 acres in size. The site is located in an area of mixed residential and commercial land use. The northern parcel is bordered by Cox Trucking to the north, an American Legion post to the east, and residences to the west. The southern parcel is bordered by Associated Lumber to the south, and residences to the east and west. There are no site buildings or permanent structures. The northern parcel contains areas of slag or cracked battery casings at the surface.

and a former burn area in the northeast quadrant. The southern parcel is overgrown with vegetation and contains an area where slag is exposed at the surface. There are also empty drums, cylinders, and equipment located in the south parcel. Lake Murphysboro State Park is located approximately 1.5 miles to the west and the Big Muddy River is located 1.5 miles the southwest. The city of Murphysboro is supplied drinking water through intakes at Lake Kincaid. Murphysboro's sewer system collects run-off from the site which is treated at their water treatment facility adjacent to the Big Muddy River. There are three schools located within a mile of the site. Each parcel is secured with a six-foot high fence.

## **2. Description of threat:**

There is actual or potential exposure to nearby human populations, animals, and the food chain from hazardous substances or pollutants or contaminants. There are hazardous substances or pollutants or contaminants in soils largely at or near the surface that may migrate or pose a threat of release.

### **C. Preliminary Assessment/Site Inspection Results**

On December 1 and 2 1999, U.S. EPA OSC Kevin Turner, START member Paul Atkociunas, and Illinois EPA representatives conducted a site assessment. Illinois EPA and START gridded the northern and southern parcels into 50-foot sections. Sample locations within each sections were identified and marked with a sample flag. Illinois EPA representatives collected boring samples using a Geoprobe and a global positioning system (GPS) to map sampling locations. Illinois EPA collected XRF readings at the surface and at depth for the sample locations. Based upon XRF readings at depth, START collected 13 samples from Geoprobe sample material. On December 2, 1999, samples were shipped to CT & E Environmental Services, located in Ludington, Michigan for analysis

## **IV. RESPONSE INFORMATION**

### **A. Situation**

#### **1. Current situation:**

Grids 13, 14, 15, and 16 were sampled for total lead, passed, and excavated. The entire north parcel was then backfilled with 8,595 tons of clean soil and graded. A total of 2,299.31 tons of gravel was brought in and layered on top of the north parcel and graded. Steel rails that were excavated in the north parcel were power-washed and disposed offsite. The remainder of the temporary fence was taken down in the north parcel. The entire site and surrounding area was scanned with an X-ray fluorescent (XRF) for elevated levels of lead to ensure no contamination occurred. . Equipment used in the treatment and excavation of lead contaminated soil was decontaminated by power-washing and taken out of work zone. Equipment, site trailer have been removed, utilities have been disconnected U.S. EPA, START, and ERRS demobilized from site on February 13, 2001.

#### **2. Removal activities to date:**

A total of 12,192.38 tons of treated/low level contaminated lead soil have been disposed off site. North

parcel was backfilled with 8,595 tons clean soil and graded. A total of 2,299.31 tons of gravel was brought in and layered on top of the north parcel and graded. An area located on the northeast corner is saturated from rain and was marked with banner guard. South parcel was backfilled with 6,690 tons of clean soil and graded. After backfilling, 400 pounds of grass seed was planted and 102 bales of straw was layered on top

**3. Enforcement:**

Enforcement/Cost recovery actions are pending.

**B. Planned Removal Actions**

- None

**C. Next Steps**

- Cost recovery actions and complete an On-Scene Coordinator's Report.

**D. Key Issues**

None

**V. COSTS**

NON RESPONSIVE



The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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## **VI. DISPOSITION OF WASTES**

<u>Wastestream</u>	<u>Medium</u>	<u>Quantity</u>	<u>Transportation</u>	<u>Treatment</u>	<u>Disposal</u>
Lead	Soil	12.192.38 tons	Truck	Enviroblend Stabilization	Landfill
Tires	N/A	16.30 tons (700 total)	Truck	Power- washed	Recycled